034100-002.ST25

SEQUENCE LISTING

<110> Nakao, Yoshihiro
      Nakamura, Norihisa
      Kodama, Yukiko
      Fujimura, Tomoko
      Ashikari, Toshihiko

<120> Screening Method for Genes of Brewing Yeast

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<212> DNA
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gcaggcttga agttcattga aattttttgtt gatgttccat tagaagtcgc tgagcaaaga 420
gaccctaagg gtttgtataa gaaagccaga gaaggtgtga ttaaagagtt cactggtatt 480
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Ser Phe Pro Tyr Pro Ala Arg Trp Leu Arg Ile Cys Ser Thr Ile Met
        35                  40                  45
Phe Ala Ile Thr Cys Leu Ile Phe Ile Ser Val Gln Ala Leu Gln Leu
    50                  55                  60
Leu His Met Val Ile Tyr Ile Lys Glu Lys Ser Phe Arg Asp Tyr Phe
65                  70                  75                  80
Asn Glu Tyr Phe Arg Ser Leu Lys Tyr Asn Leu Phe Trp Gly Thr Tyr
                85                  90                  95
Pro Met Gly Leu Val Thr Ile Ile Asn Phe Leu Gly Ala Leu Ser Gln
            100                 105                 110
Lys Phe Thr Thr Thr Ser Pro Ala Asn Ala Lys His Leu Ile Ile Phe
            115                 120                 125
Val Tyr Val Leu Trp Trp Tyr Asp Leu Ala Val Cys Leu Val Thr Ala
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Trp Gly Ile Ser Phe Leu Ile Trp Gln Lys Tyr Tyr Phe Val Asp Gly
145                 150                 155                 160
Val Gly Asn His Ser Ser Tyr Ser Ser Arg Met Ala Ser Asp His Met
                165                 170                 175
Lys Ser Val Leu Leu Leu Asp Ile Ile Pro Leu Val Val Val Ala Ser
            180                 185                 190
Ser Gly Gly Thr Phe Thr Met Ser Lys Ile Phe Gly Thr Thr Phe Asp
        195                 200                 205
Arg Asn Ile Gln Leu Leu Thr Leu Val Ile Cys Ala Leu Val Trp Leu
    210                 215                 220
His Ala Leu Ile Phe Val Phe Ile Leu Ile Thr Ile Tyr Phe Trp Asn
225                 230                 235                 240
Leu Tyr Ile Asn Lys Ile Pro Pro Met Thr Gln Val Phe Thr Leu Phe
                245                 250                 255
Leu Val Leu Gly Pro Leu Gly Gln Gly Ser Phe Gly Ile Leu Leu Leu
            260                 265                 270
Thr Asp Asn Ile Arg Lys Tyr Val Glu Lys Tyr Tyr Pro Arg Glu Asn
            275                 280                 285
Ile Thr Met Glu Gln Glu Ile Leu Thr Ile Met Val Pro Trp Cys Phe
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Lys Val Leu Gly Met Thr Phe Ala Leu Ala Leu Ile Ala Met Gly Tyr
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Phe Phe Thr Val Ile Ser Leu Ile Ser Ile Leu Ser Tyr Tyr Asn Glu
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Gly Asn Glu Glu Leu Tyr Leu Gln Tyr Asn Gln Tyr Val Pro Leu Tyr
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Ala Phe Arg Val Ile Ala Thr Ile Tyr Gly Gly Ile Cys Val Cys Trp
385                    390                    395                    400
Ser Ile Leu Cys Leu Ser Cys Thr Leu Tyr Gly Tyr Leu Lys Thr Ile
              405                    410                    415
Leu His Ala Ala Arg Lys Pro Ser Phe Leu Ser Glu Glu Gly Thr Glu
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Ser Ala Ser Gly Lys Ser Thr Ile Ala Cys Ala Leu Glu Gln Leu Leu
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Leu Gln Lys Asn Leu Ser Ala Tyr Arg Leu Asp Gly Asp Asn Ile Arg
     50                    55                    60
Phe Gly Leu Asn Lys Asp Leu Gly Phe Ser Glu Lys Asp Arg Asn Glu
65                    70                    75                    80
Asn Ile Arg Arg Ile Ser Glu Val Ser Lys Leu Phe Ala Asp Ser Cys
              85                    90                    95
Ala Val Ser Ile Thr Ser Phe Ile Ser Pro Tyr Arg Val Asp Arg Asp
              100                   105                   110
Arg Ala Arg Asp Leu His Lys Glu Ala Gly Leu Lys Phe Ile Glu Ile
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Phe Val Asp Val Pro Leu Glu Val Ala Glu Gln Arg Asp Pro Lys Gly
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Leu Tyr Lys Lys Ala Arg Glu Gly Val Ile Lys Glu Phe Thr Gly Ile
145                   150                   155                   160
Ser Ala Pro Tyr Glu Ala Pro Lys Ala Pro Glu Leu His Leu Arg Thr
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<210> 11
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<210> 13
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<210> 16
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<211> 120
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<210> 24
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<223> PDA1_730rv

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